

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		0001.1048 10/529691
INTERNATIONAL APPLICATION NO. PCT/KR2003/002121	INTERNATIONAL FILING DATE October 14, 2003	PRIORITY DATE CLAIMED October 18, 2002
TITLE OF INVENTION METHOD AND APPARATUS FOR MANAGING DISC DEFECTS USING UPDATEABLE DMA, AND DISC THEREOF		
APPLICANT(S) FOR DO/EO/US Sung-Hee Hwang et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input checked="" type="checkbox"/> This is an express request to immediately begin national examination procedures (35 U.S.C. 371(f)). 3. <input type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (PCT Article 31). 4. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 5. <input type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)). 6. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> have been transmitted by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 7. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 8. <input checked="" type="checkbox"/> An oath or declaration of the inventor (35 U.S.C. 371(c)(4)). 9. <input type="checkbox"/> A translation of the Annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). 		
Items 10-15 below concern document(s) or information included:		
<ol style="list-style-type: none"> 10. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98, form PTO-1449 and cited references. 11. <input checked="" type="checkbox"/> An assignment document for recording. Please mail the recorded assignment document to: <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> the person whose signature, name & address appears at the bottom of this document. b. <input type="checkbox"/> the following: 12. <input checked="" type="checkbox"/> A preliminary amendment, including Replacement Sheets for drawings. 13. <input checked="" type="checkbox"/> A substitute specification (marked-up and clean versions). 14. <input type="checkbox"/> A change of power of attorney and/or address letter. 15. <input checked="" type="checkbox"/> Other items or information: PCT Request; PCT/RO/105; PCT/RO/106; PCT/ISA/202; PCT/IB/301; PCT/IB/304; PCT/IB/306; PCT/ISA/220 and PCT/ISA/210 (International Search Report); PCT/IPEA/402; PCT/IB/308 and WO 2004/036562; PCT/IPEA/416 and PCT/IPEA/409 (International Preliminary Examination Report) 		

☒ The U.S. National Fee (35 U.S.C. 371(c)(1)) and other fees as follows:

10/529691

JC17 Rec'd PCT/PTO 29 MAR 2005

CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
	TOTAL CLAIMS	41 -20=	21	x \$ 50.00	1,050.00
	INDEPENDENT CLAIMS	6 -3=	3	x \$ 200.00	600.00
	MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+\$360.00	0.00
	BASIC FILING FEE				\$ 300.00
	EXAMINATION FEE				\$ 200.00
	SEARCH FEE				\$ 500.00
	Surcharge Fee for Each 50 sheets over 100 (\$250)				\$ 0.00
	Total of above Calculations =				\$ 2,650.00
	Surcharge of \$130 for furnishing the National fee or oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 mos. from the earliest claimed priority date (37 CFR 1.482(e)).				0.00
	TOTAL OF ABOVE CALCULATIONS				\$ 2,650.00
	Reduction by 1/2 for filing by small entity, if applicable. Affidavit must be filed also. (Note 37 CFR 1.9, 1.27, 1.28.)				
	SUBTOTAL				\$ 2,650.00
	Processing fee of \$130 for furnishing the English Translation later than [] 20 [] 30 mos. from the earliest claimed priority date (37 CFR 1.482(f)).				
	TOTAL NATIONAL FEE				\$ 2,650.00
	Fee for recording the enclosed assignment (37 CFR 1.21(h)).				+
	TOTAL FEES ENCLOSED				\$ 2,650.00

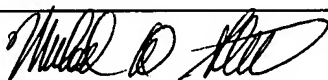
- a. ☐ A check in the amount of \$ to cover the above fees is enclosed.
b. ☒ Credit Card Payment Form, Form PTO-2038 (attached).
c. ☐ Please charge my Deposit Account No. 503333 in the Amount of \$ to cover the
above fees. A duplicate copy of this sheet is enclosed.
d. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or
credit any overpayment to Deposit Account No. 503333. A duplicate copy of this sheet is
enclosed.

STEIN, MCEWEN & BUI, LLP

49,455

PATENT TRADEMARK OFFICE

SUBMITTED BY: STEIN, MCEWEN & BUI, LLP

Type Name	Michael D. Stein	Reg. No.	37,240
Signature		Date	3/29/05